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UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No.	ARC920030057US1		
First Inventor	Stuart Stephen Papworth Parkin		

Title MgO Tunnel Barriers and Method of Formation

(Only for new nonprovisional	al applications under 37 CFR 1.53(b))	Express	Mail Label No. 🕒	<u> </u>	<u>989</u>	<u>987US</u>
APPLICATION ELEMENTS			ADDRESS TO: Assistant Commissioner for Patents Box Patent Application			
See MPEP chapter 600 concerning utility patent application contents.			Washington, DC 20231			
Fee Transmittal For (Submit an original and a did submit an original and a did submit a	im (e.g., PTO/SB/17) inplicate for fee processing) inall entity status. [Total Pages 59] is of the invention to Related Applications reding Fed sponsored R & D inpunce listing, a table, ingram listing appendix ine Invention of the Invention of the Drawings (if filed) tion	7	CD-ROM or CD-R in Computer Program (entitle and/or Amino Acopilicable, all necessary Computer Readable pecification Sequence i. CD-ROM of it. paper Statements verifying CCOMPANYING Assignment Papers 37 CFR 3.73(b) Sta	duplicate, Appendix Sid Sequen) le Form (C Listing on r CD-R (2 ng identity APPLIC I (cover shatement	large capies of abo	table or bmission); or ove copies
- Abstract of the I 4. Drawing(s) (35 U.	45	11.	(when there is an a	Docume	nt <i>(if a_l</i>	Attorney pplicable) Copies of IDS
5. Oath or Declaration	[Total Pages 2] 12. L	Information Disclos Statement (IDS)/P		L	Citations
a. Newly execu	ted (original or copy)	13.	Preliminary Amend			
Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed)			14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)			
	ON OF INVENTOR(S)	15.	Certified Copy of F (if foreign priority is	riority Do	cumen	t(s)
	ement attached deleting inventor(s) ne prior application, see 37 CFR	16.	Nonpublication Request under 35 H S C 122			
1.63(d)(2) a	and 1.33(b).	10. [(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
6. Application Data Sheet. See 37 CFR 1.76		17.	17. Other:			
18. If a CONTINUING APPLIC	CATION, check appropriate box, and su	ipply the reau	isite information below	and in a p	relimir	narv amendment.
or in an Application Data She	et under 37 CFR 1.76:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,
Continuation	Divisional Continuation-in-part (CIP	') o	f prior application No.:			
Prior application information:	Examiner:ONAL APPS only: The entire disclosure of	the prior appl	Group Art Unit:		aration	is supplied under
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
19. CORRESPONDENCE ADDRESS						
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Name (Print/Type)	Daniel E. Johnson	Reg	istration No. (Attorne	y/Agent)		37,033
Signature	Damel & Si	nem		Date	8/22	2/03

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

Complete if Known				
Application Number	Unassigned			
Filing Date	08/22/2003			
First Named Inventor	Stuart Steph n Papworth Parkin			
Examiner Name	Unassigned			
Group Art Unit	Unassigned			
Attorney Docket No.	ARC920030057US1			

أحدك والمتناز	FEE CALCULATION (continued)
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	3. ADDITIONAL FEES
Deposit 00 0444	Large Small Entity Entity
Account Number 09-0441	Fee Fee Fee Fee Paid Fee Paid
Deposit Account IBM Corporation	Code (\$) Code (\$) 105 130 205 65 Surcharge - late filing fee or oath
Name TBN Corporation	
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet
Applicant claims small entity status.	139 130 139 130 Non-English specification
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination
2. Payment Enclosed: Check Credit card Money Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action
Order Other	113 1,840° 113 1,840° Requesting publication of SIR after
FEE CALCULATION	Examiner action 115 110 215 55 Extension for reply within first month
1. BASIC FILING FEE	116 400 216 200 Extension for reply within second month
Large Entity Small Entity Fee Fee Fee Fee Description	117 920 217 460 Extension for reply within third month
Code (\$) Code (\$) Fee Paid	118 1,440 218 720 Extension for reply within fourth month
101 740 201 370 Utility filing fee 750.00	128 1,960 228 980 Extension for reply within fifth month
106 330 206 165 Design filing fee	119 320 219 160 Notice of Appeal
107 510 207 255 Plant filing fee 108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal
108 740 208 370 Reissue filing fee 114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing
	138 1,510 138 1,510 Petition to institute a public use proceeding
SUBTOTAL (1) (\$) 750.00	140 110 240 55 Petition to revive - unavoidable
2. EXTRA CLAIM FEES	141 1,280 241 640 Petition to revive - unintentional
Fee from Extra Claims below Fee Page 1	
Total Claims 81 -20** = 61 x 18.00 = 1098.0	H 140 400 240 200 DOSIGNATION
Claims	SI 144 020 244 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Multiple Dependent	122 130 122 130 Petitions to the Commissioner
Large Entity Small Entity	123 50 123 50 Processing fee under 37 CFR 1.17(q)
Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))
104 280 204 140 Multiple dependent claim, if not paid	149 740 249 370 For each additional invention to be
109 84 209 42 ** Reissue independent claims over original patent	examined (37 CFR § 1.129(b))
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)
and over original patent	169 900 169 900 Request for expedited examination of a design application
SUBTOTAL (2) (\$)1350.0	Other fee (specify)
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00

SUBMITTED BY Complete (if applicable)			f applicable)	
Name (Print/Type)	Daniel E. Johnson	Registration No. (Attorney/Agent) 37,033	Telephone	(408) 927-3367
Signature	Amil & Joh	nim	Date	8/22/03

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